

**Alfred M. Walker**

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**Attorney at Law**

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VIA FAX 703-308-9318

November 9, 2001

Commissioner of Patents  
Washington, DC 20231

ATTN: Examiner Fritz Fleming

APPLICANT: William G. Wilhelm  
SERIAL NO.: 08/820,496 (CPA)  
FILING DATE: March 19, 1997  
GROUP ART UNIT: 2836  
EXAMINER: Fritz Fleming  
TITLE: HIGH EFFICIENCY LIGHTING SYSTEM  
OFFICE ACTION: 10/11/01

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12/3/01  
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GROUP 3600

Dear Sir:

Enclosed please find faxed copy of Response to Restriction Requirement which was originally filed by Express Mail on October 18, 2001.

Due to the uncertainties with the mail, this document is being re-filed by fax.

Respectfully submitted,

*Alfred M. Walker*  
Alfred M. Walker  
Reg. No. 29,983

PAT Trans Fax 11-9-01 Pat 8

I certify that this correspondence is being deposited by fax to 703-308-9318 pursuant to the USPTO Notice of November 2, 2001 to the Commissioner of Patents, Washington, D.C. 20231 on the date indicated below.

Date: November 9, 2001

*Alfred M. Walker*  
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October 18, 2001

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Washington, DC 20231

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TITLE: HIGH EFFICIENCY LIGHTING SYSTEM  
OFFICE ACTION: 10/11/01

Dear Sir:

Enclosed please find Response to Restriction Requirement.

Please acknowledge receipt on the enclosed postcard.

Respectfully yours,

*Alfred M. Walker*  
Alfred M. Walker  
Reg. No. 29,983

PAT Trans 10-17-01 Pat 8

I certify that this correspondence is being deposited with the United States Postal Service as Express Mail No.: *EL35234734303* in an envelope addressed to the Commissioner of Patents, Washington, D.C. 20231 on the date indicated below.

Date: October 18, 2001

*Alfred M. Walker*  
Jackie Perican  
Alfred M. Walker

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: William G. Wilhelm  
SERIAL NO.: 09/820,496 (CPA)  
FILED: 3/19/97  
FOR: HIGH EFFICIENCY LIGHTING SYSTEM  
EXAMINER: Fritz Fleming  
GROUP ART UNIT: 2836  
DATE OF OFFICE ACTION: October 11, 2001

Hon. Commissioner of Patents  
Washington, D.C. 20231

## RESPONSE TO RESTRICTION REQUIREMENT

Dear Sir:

In response to the Examiner's restriction requirement noted above, Applicant hereby elects to restrict the pending application to the invention noted in Group I, namely as described in Claims 49-54 and 56.

Please cancel claims 115 and 116.

A clean copy of Claims 49-54 and 56 is as follows:

49. A power sharing system comprising:  
a primary source of AC;  
an alternative primary source of DC;  
a secondary source of DC;  
a power controller capable of inputting power  
simultaneously from said primary sources, said alternative  
primary source of DC making a shared contribution of power

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selected by said power controller, and delivering a constant voltage DC to at least one DC compatible load at an output of said power sharing system;

said power controller having means to convert inputted electrical power into a defined DC-regulated voltage to provide and manage power to said DC compatible load; and,

said secondary source of DC being a battery to supply power in the event of a failure in a primary source of power, said power controller maintaining said battery in a fully charged condition.

50. The power system of Claim 49 wherein said DC compatible load is a lighting system.

51. The power system of Claim 49 wherein said alternative primary source of DC is a storage medium.

52. The power system of Claim 49 wherein said alternative primary source of DC photo voltaic.

53. The power system of Claim 49 wherein said alternative primary source of DC is a cogenerator.

54. The power system of Claim 49 wherein said

alternative primary source of DC is a wind energy conversion system.

56. The power system as in Claim 49 in which said power controller has circuitry for combining power from said alternative primary source of DC and said battery in the absence of power from said primary source of AC.